# Data sheet

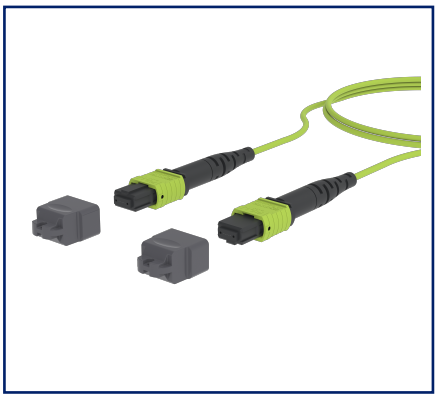
## OpDAT patch cord MTP-F/MTP-F OM5, 12 fibres



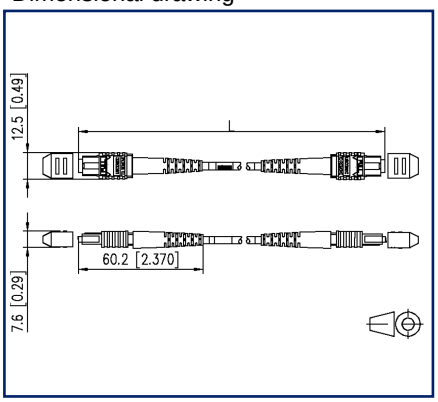
**P/N 151RXTFTF0XXY**

2026/09/17
Version: H

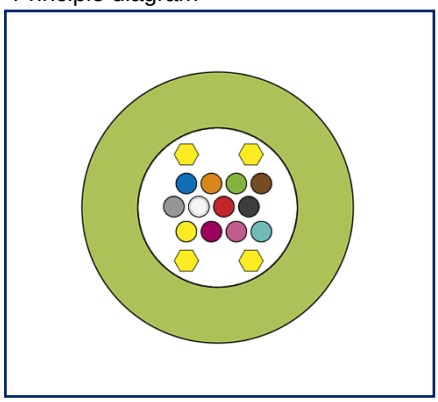
## Illustrations



Dimensional drawing




Principle diagram



See enlarged drawings at the end of document

## Product specification

- patch cord with 12 OM5 fibers, assembled on both sides with MPO/MTP® connectors, lime green housing color
- with MM-Elite® ferrules
- Female connectors (without pins) as standard. Variants with male connectors (with pins) are possible.
- available in assignment variants polarity A or B
- suitable for transmissions of e.g. 100 Gbit/s (depending on transceiver technology)
- Cable with aramid fabric, suitable for indoor applications. Diameter available in Ø 2.0 mm and Ø 3.0 mm, sheath color lime green, UV stabilized, flame retardant and halogen free.
- Fiber type: Bend insensitive multi mode fiber, G50/125 µm, OM5 (IEC 11801), IEC 60793-2-10 A1a.4, ITU-T G.651.1.
- 100 % tested for insertion loss, return loss and end face geometry
- all patch cords are provided with serial number, barcode and measurement protocol
- all available variants can be created with the MTP® configurator
- MTP® is a registered trademark of US Conec Ltd., USA

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# OpDAT patch cord MTP-F/MTP-F OM5, 12 fibres

**P/N 151RXTFTF0XXY**

2026/09/17
Version: H

## Technical Data

### General Data

| | |
|---|---|
| Fields of application | Industrial Ethernet<br>data center |
| Mechanical measurement according to MICE | M1 |
| Ingress measurement according to MICE | I1 |
| Climatic measurement according to MICE | C1 |
| Electromagnetic measurement according to MICE | E3 |
| Design | patch cord |
| Transmission technology | Fiber optic |
| Wiring | Polarity A or B |
| Color | lime green |
| Color coding fiber/ wire(s) | EIA/TIA 598 |
| Dimensions | |
| Dimension - Interface 1 (L x W x H) | 60.4 mm x 12.5 mm x 7.6 mm |
| Dimension - Interface 1 (L x W x H) | 2.378 in. x 0.492 in. x 0.299 in. |
| Dimension - Interface 2 (L x W x H) | 60.4 mm x 12.5 mm x 7.6 mm |
| Dimension - Interface 2 (L x W x H) | 2.378 in. x 0.492 in. x 0.299 in. |
| Mode type of the fiber | Multimode |
| Fiber class | OM5 |
| Cable Type | MPO/MTP® cable |
| Number of fibres each cable/ wire | 12 |
| Shape | PC (Physical Contact) |

### Connections/interfaces

| | |
|---|---|
| Connector technology interface 1 | MPO/MTP® |
| Connector technology interface 2 | MPO/MTP® |

### Optical characteristics

| | |
|---|---|
| Insertion loss | max. 0,35 dB |
| Return loss | min. 35 dB |

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# OpDAT patch cord MTP-F/MTP-F OM5, 12 fibres

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Version: H

## Technical Data

### Mechanical data

| | |
|---|---|
| Bending radius without load | min. 30 mm |
| Bending radius with load | min. 40 mm |

### Materials and material properties

| | |
|---|---|
| Halogen free | yes |
| RoHS | compliant |

### Classifications

| | |
|---|---|
| ETIM 7.0 | EC001263 |
| ETIM 8.0 | EC001263 |

### Packing details

| | |
|---|---|
| Type of packaging | 1 pc(s) / plastic bag |

### Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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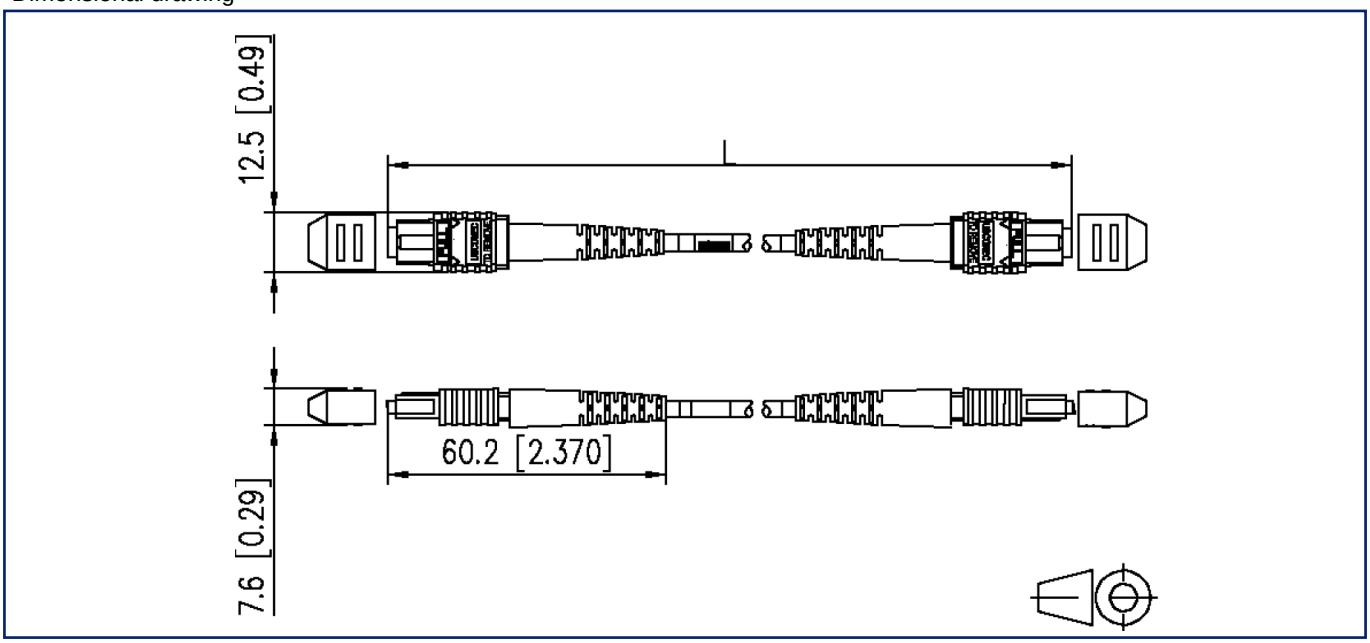
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**P/N**
**151RXTFTF0XXY**

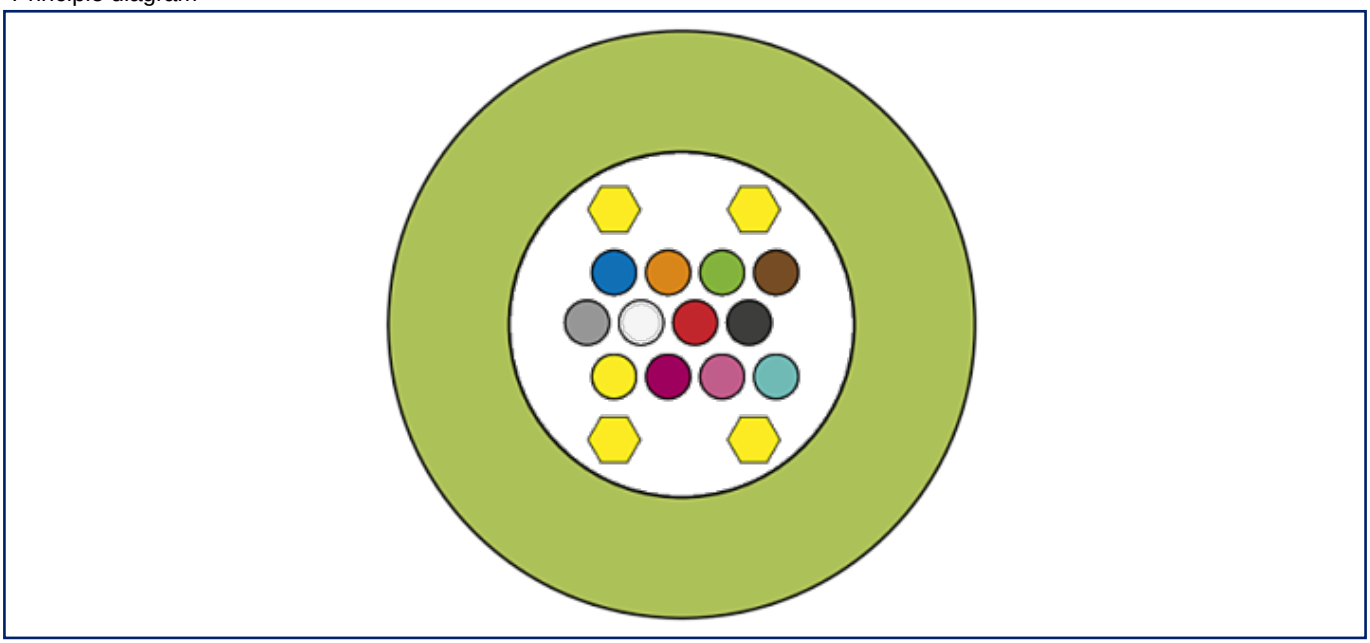
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## Illustrations

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